



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: McFarland et al.

Group Art Unit: 1627

Serial No.: 08/941,170

Examiner: P. Ponnaluri

Filed: 09/30/1997

For: POTENTIAL MASKING SYSTEMS AND METHODS FOR COMBINATORIAL LIBRARY SYNTHESIS

Attorney Docket No.: 1012-090C1

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Assistant Commissioner of Patents  
Washington, D.C. 20231

38/100  
D-098  
5-24-02

RESPONSE AND AMENDMENT

In response to the Office Action mailed March 20, 2002, please amend the above-identified application as follows and consider the following remarks.

CLEAN VERSION OF AMENDMENTS

In the Claims:

Please amend claims 43-46, 50, and 70-75 as follows:

43. An apparatus for making an array of materials by electrochemical deposition and for screening members of the array of materials for an electrical property, the apparatus comprising:

a substrate having spatially addressable working electrodes corresponding to the members of the array of materials;

at least one other electrode, the at least one other electrode and the spatially addressable working electrodes adapted to apply an independently variable electrical potential between the spatially addressable working electrodes and the at least one other electrode so that when the substrate and the at least one other electrode contact a solution containing ions, ions in said solution undergo chemical reaction at

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